

Converting Colors

Hex(B3BCFF)

Have a look what the booklet for
Hex(B3BCFF) contains.

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Color

Hex(B3BCFF)

Conversions

Conversions Part 1

Format	Color
Hex	B3BCFF
RGB	179, 188, 255
RGB Percent	70%, 74%, 100%
CMY	0.2980, 0.2627, 0.0000
CMYK	0.30, 0.26, 0.00, 0.00
HSL	233°, 100%, 85%
HSV	233°, 30%, 100%
XYZ	54.6236, 52.7701, 101.9144
YIQ	192.9470, -26.8710, 18.9290

Conversions

Conversions Part 2

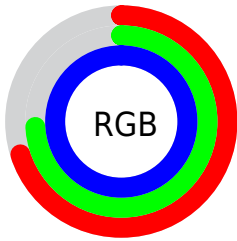
Format	Color
RYB	179, 187, 255
Decimal	11779327
CIELab	77.74, 11.66, -34.02
CIElCh	78, 35.961, 288.913
Yxy	52.7701, 0.2610, 0.2521
Android (android.graphics.Color)	4289969407 (0xFFB3BCFF)
YUV	192.9470, 30.5921, -12.2315
Hunter-Lab	72.6431, 7.0969, -32.3306

Details

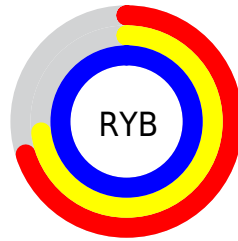
The Hex color **B3BCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF6B3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **ECF4FF**, and **7C87C6** is the 20% darker color. If you saturate the color by 10%, you get **99A6FF**, and if you desaturate by 10%, it is **CCD2FF**.

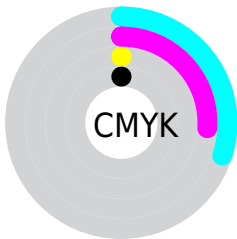
Distribution



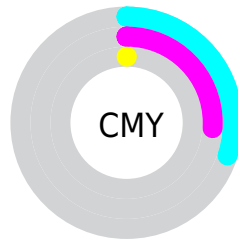
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (73%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3BCFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B3BCFF by changing the saturation by 10% instead.

 B3BCFF

 B3BCFF

FFFFFF

 97A1E2

 ECF4FF

 7C87C6

 626EAB

 485590

 2D3E76

 0E295D

 001545

 00022E

 000119

 B3BCFF

 B3BCFF

 99A6FF

 CCD2FF

 808FFF

 E6E9FF

 6679FF

FFFFFF

 4D62FF

 334CFF

 1A35FF

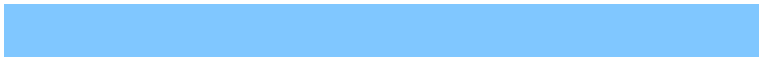
 001FFF

 001EFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80C7FF



B3BCFF



DEB0EC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B3BCFF



F9AF8F



74D2B2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B3BCFF



FFF6B3

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9CCD93



B3BCFF



E2BA7F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B3BCFF



FFA8AC



C2C580



52D2D5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3BCFF



F3AAD9



C2C580



81D0A7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B3BCFF



E8EBFF



B3FFF5



717380



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B3BCFF



A3AEFF



CFB3FF



737480



0017BF



000840

Inverse Universe

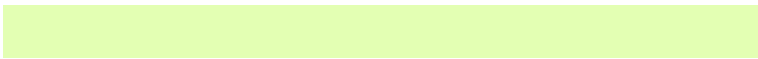
The Inverse Universe completely reimagines the original color for something new.



FFB3BC



FFA3AE



E3FFB3



807374



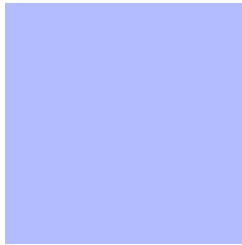
BF0017



400008

Previews

White Background



This preview shows how the Hex color B3BCFF looks on a white background.

Color Contrast Check

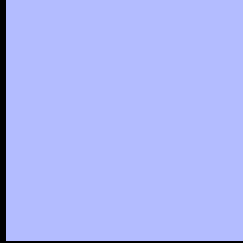
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B3BCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

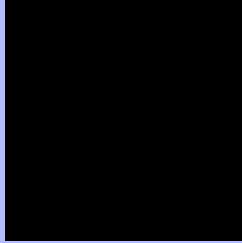
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B3BCFF Background



This preview shows how black text looks on a background with the Hex color B3BCFF.



This preview shows how white text looks on a background with the Hex color B3BCFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
B3BCFF

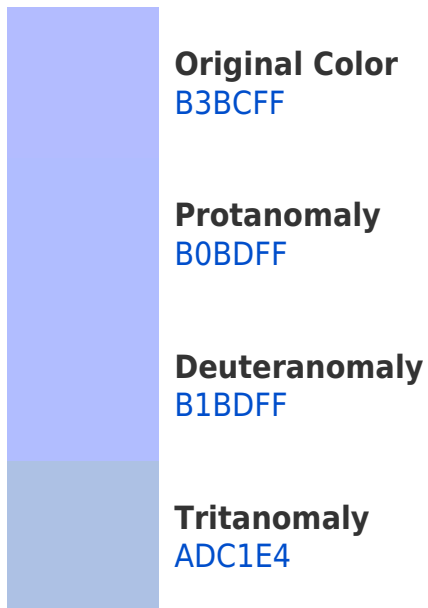
Protanopia
AEBEFF

Deuteranopia
B0BDFF



Tritanopia
AAC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3BCFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B3BCFF looks like.

```
.text, #text, p{  
    color:#B3BCFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B3BCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BCFF
}
```

Border

The CSS property to change the border of an element to Hex B3BCFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3BCFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B3BCFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B3BCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BCFF; -webkit-box-shadow:4px 4px  
4px 4px #B3BCFF; box-shadow:4px 4px 4px  
4px #B3BCFF }
```

Background

The CSS property to change the background color of an element to Hex B3BCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BCFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B3BCFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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